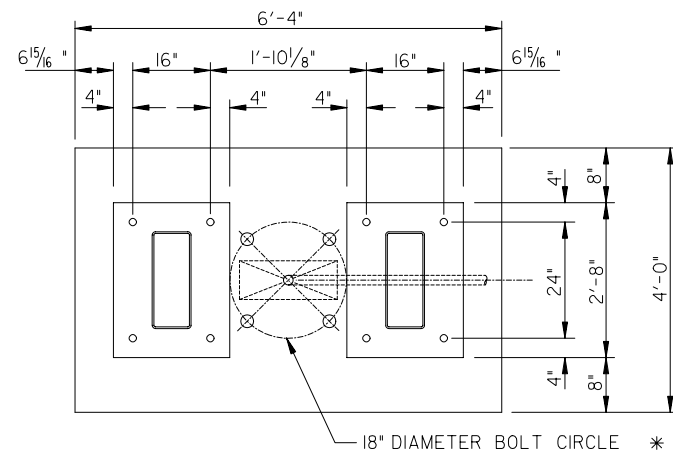


ANCHOR BOLT LAYOUT PLAN



BASE PLATE LAYOUT PLAN

GENERAL NOTES

1. MINIMUM SOIL REQUIREMENTS:  
THIS FOUNDATION DESIGN IS BASED ON SOILS ABLE TO DEVELOP THE FOLLOWING VALUES FOR CONCRETE FILLED DRILLED IN PLACE PIERS. SKIN FRICTION AT 500 LBS/SQ. FT., LATERAL BEARING PRESSURE = 200 LBS/SQ. FT. PER FOOT OF DEPTH.
2. EXISTING SOIL CONDITIONS TO BE DETERMINED PRIOR TO FINAL FOUNDATION DESIGN.
3. CONCRETE 4000 P.S.I. AT 28 DAYS.
4. REBAR GRADE 60.
5. EMBEDDED PLATES - A-36.
6. ANCHOR BOLTS - A-36 FULLY GALVANIZED.
7. A 25' COIL OF NO. 4 STRANDED A.W.G. BARE COPPER CONDUCTOR SHALL BE INSTALLED BEFORE THE CONCRETE IS POURED.

\*BOLTS FOR INTERIM SIGNAL ERECTION  
MAY BE DELETED AT ENGINEER'S DIRECTION.

APPROVED: ORIGINAL SIGNATURE ON FILE  
AT THE CITY OF TEMPE \_\_\_\_\_ DATE \_\_\_\_\_  
DEPUTY PUBLIC WORKS MANAGER

APPROVED: \_\_\_\_\_ DATE \_\_\_\_\_  
DEPUTY PUBLIC WORKS MANAGER  
CITY ENGINEER



CITY OF TEMPE  
PUBLIC WORKS DEPARTMENT

TRAFFIC SIGNAL FOUNDATION DETAIL  
FOR MODULAR 50 MAST ARM STRUCTURE

ASSEMBLY DRAWING ONLY  
SPECS AND DESIGN BY  
T.A. CAID INDUSTRIES, INC  
TUCSON, AZ

DETAIL T-573  
SHEET 1 OF 2  
DRAWN 2004